PATENT APPLICATION Docket No.: 84337-US1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Snow et al.

Serial No.: 09/544,344 Filed: 04/06/2000

For: MATERIALS, METHOD AND APPARATUS FOR DETECTION AND MONITORING

OF CHEMICAL SPECIES Examiner: Soderquist, Arlen

Art Group Unit: 1743

Honorable Commissioner of Patents PO Box 1450 Alexandria, VA 22313-1450

June 4, 2007

## AMENDMENT IN RESPONSE TO NON-FINAL REJECTION

Sir:

In response to the Office action of 02/05/2007, setting a three month shortened statutory period of reply, please amend the above-identified application as follows. A petition for extension is attached.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 14 of this paper.